OMB Approval #: 2700-0042 1. CONTRACT ID CODE PAGE OF PAGES AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT 3. EFFECTIVE DATE AUG 26 2002 2. AMENDMENT/MODIFICATION NO. 4. REQUISITION/PURCHASE REQ. NO. 5. PROJECT NO. (If applicable) 7 See Page 1.a 6. ISSUED BY CODE PS22-N 7. ADMINISTERED BY (If other than Item 6) Procurement Office MSFC Adm: PS22-N/Sandra Presnell George C. Marshall Space Flight Center 256-544-0318 National Aeronautics and Space Administration Marshall Space Flight Center, AL 35812 AUTOMATED INVOICE PAYMENT INFORMATION: (256) 544-5566 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) 9A. AMENDMENT OF SOLICITATION NO. Al Signal Research, Inc. 9B. DATED (SEE ITEM 11) 3411 Triana Blvd SW Huntsville, AL 35805 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS8-02047 Х 10B. DATED (SEE ITEM 13) CODE 18279 CAGE CODE 004R1 02/15/02 THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS 11. The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. 12. ACCOUNTING AND APPROPRIATION DATA (If required) See Page 1.a 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF FAR 43.103(a)(3) and mutual agreement of the parties OTHER (Specify type of modification and authority **E. IMPORTANT:** Contractor is not, is required to sign this document and return 3 copies to the issuing office. 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Maximum Incentive Total Estimated Incentive Contract Fee Total Sum <u>Cost</u> Fee Earned Value Allotted Previous \$5,916,563 \$266,127 \$0 \$6,182,690 \$4,000,904 This Mod 159,477 9,569 0 169,046 738,412 New Total \$6,076,040 \$275,696 \$0 \$6,351,736 \$4,739,316 See Page 2 for description. 15A. NAME AND TITLE OF SIGNER (Type or print) 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Sandra L. Presnell 15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED 16B. UNITED STATES OF AMERICA 16C. DATE SIGNED ORIGINAL SIGNED BY SAHDOA Takeno AUG 26 2002 (Signature of person authorized to sign) (Signature of Contracting Officer)

NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE 30-105

STANDARD FORM 30 (Rev. 10-83) Prescribed by GSA FAR (48 CFR) 53.243

<u>DCN</u>		Program Code	Appropriation	Amount
1-2-S6-E0447	(1F)	688-10-01-M900-S6-2-21S-000-2550	802/30110	\$ 1,400
1-2-OS-E0533	(1F)	334-10-00-8590-OS-2-00S-000-2526	802/30110	18,000
1-2-FD-E0425	(1F)	700-63-20-8590-FD-2-00S-000-2526	802/30110	60,000
1-2-VS-E0385	(1F)	297-80-00-M151-VS-2-003-000-2550	802/30111	21,800
1-2-TD-E0595	(1F)	713-10-PI-8590-TG-2-00S-000-2526	802/30110	3,400
1-2-C2-D9146	(S4)(1F)	091-00-25-0301-C2-2-005-000-2550	8020111	170,000
		092-00-25-0301-C2-2-007-000-2550 091-80-02-0100-FD-2-006-000-2111	8020110 8020111	330,000 3,412
		771-10-20-8590-A3-2-10S-000-2550	802/30110	15,000
1-2-CD-E0639	(1F)	283-10-25-8590-CD-2-003-000-2529	802/30111	120,000
1-2-HQ-D8473	(S1)(1F)	379-02-02-8590-C7-2-003-000-2529	802/30111	(4,600)
			Total	\$738,412

NAS8-02047 Modification No. 7 Page 2

The purpose of this modification is to adjust the IDIQ value, revise "Submission Frequency" of DRD 922MA-002 (Quarterly Self-Evaluation), and provide incremental funding pursuant to the "Limitation of Funds" clause and Contractor's letter dated <u>August 23, 2002</u>. The foregoing action is further implemented by the inclusion of the following changes:

- 1. Clause B.2, paragraph (a) is hereby deleted in its entirety and the attached clause B.2, paragraph (a) is substituted in lieu thereof (a vertical line in the right-hand margin indicates the specific areas of change).
- 2 Clause B.5 is hereby deleted in its entirety and the attached Clause B.5 is substituted in lieu thereof (a vertical line in the right-hand margin indicates the specific areas of change).
- 3. Attachment J-2, DRD 922MA-002, page J-2-14, is hereby deleted in its entirety and the attached DRD 922MA-002, page J-2-14, is substituted in lieu thereof (a vertical line in the right-hand margin indicates the specific areas of change).
- 4. An administrative change is hereby made to the following purchase request (correction in bold type):

1-2-TD-D8537(S2) 992-00-00-85TB-**TB**-2-003-000-2529

SECTION B

SUPPLIES OR SERVICES AND PRICES/COSTS

B.1 <u>SUPPLIES AND/OR SERVICES TO BE FURNISHED</u>

- (a) The Contractor shall provide all resources (except as may be expressly stated in this contract as furnished by the Government) necessary to furnish the services delineated in the Performance Work Statement (PWS) in attachment J-1.
- (b) The services will be procured under two separate schedules, Mission and Indefinite Delivery/Indefinite Quantity (IDIQ). The contract and supporting data are organized accordingly. Both schedules are being procured on a cost-plus-incentive-fee basis.
- (1) <u>Mission Schedule</u> will be used to procure services identified in Work Breakdown Structure (WBS) 1.0-10.3 of the PWS on a mission basis. In addition, this schedule will be used to procure all project management and administrative resources necessary to manage both the Mission and IDIQ contract schedules.
- (2) <u>IDIO Schedule</u> will be used to procure those services identified in WBS 11.0 of the PWS that cannot be sufficiently identified, predetermined or quantified in advance with an estimated value of \$25,000 or greater per task. Project management and administrative support resources necessary to support these tasks will be procured under the Mission Schedule.

(End of clause)

B.2 ESTIMATED COST AND CONTRACT FEES

(a) The total estimated cost and fees for the performance of this contract are as follows. Offerors are cautioned to include phase-in costs/fee in the base year value.

Contract Year	Schedule	Period Covered	Est. Cost	Minimum Incentive <u>Fee</u>	Maximum Incentive <u>Fee</u>	Total Value
Base Year	(A) Mission	02/15/02-02/14/03	\$5,816,563	-0-	\$260,127	\$6,076,690
Base Year	(B) IDIO	02/15/02-02/14/03	\$ 259,477	-0-	\$ 15,569	\$ 275,046
Option Yr. 1	(A) Mission	02/15/03-02/14/04	\$5,933,889	-0-	\$267,786	\$6,201,675
Option Yr. 1	(B) IDIQ	02/15/03-02/14/04	\$ 100,000	-0-	\$ 6,000	\$ 106,000
Option Yr. 2	(A) Mission	02/15/04-02/14/05	\$6,053,116	-0-	\$275,511	\$6,328,627
Option Yr. 2	(B) IDIQ	02/15/04-02/14/05	\$ 100,000	-0-	\$ 6,000	\$ 106,000

Option Yr. 3	(A) Mission	02/15/05-02/14/06	\$6,170,138	-0-	\$283,081	\$6,453,219
Option Yr. 3	(B) IDIQ	02/15/05-02/14/06	\$ 100,000	-0-	\$ 6,000	\$ 106,000
Option Yr. 4	(A) Mission	02/15/06-02/14/07	\$6,287,180	-0-	\$290,647	\$6,577,827
Option Yr. 4	(B) IDIQ	02/15/06-02/14/07	\$ 100,000	-0-	\$ 6,000	\$ 106,000

(b) The total incentive fee earned during the performance of this contract is as follows:

Contract Year	<u>Schedule</u>	Period <u>Covered</u>	Incentive <u>Fee Earned</u>
Base Year	(A) Mission	02/15/02-08/14/02	TBD
		08/15/02-02/14/03	TBD
Base Year	(B) IDIQ	02/15/02-08/14/02	TBD
		08/15/02-02/14/03	TBD
Option Yr. 1	(A) Mission	02/15/03-08/14/03	TBD
		08/15/03-02/14/04	\mathtt{TBD}
Option Yr. 1	(B) IDIQ	02/15/03-08/14/03	TBD
		08/15/03-02/14/04	TBD
Option Yr. 2	(A) Mission	02/15/04-08/14/04	TBD
		08/15/04-02/14/05	TBD
Option Yr. 2	(B) IDIQ	02/15/04-08/14/04	\mathtt{TBD}
-	_	08/15/04-02/14/05	TBD
Option Yr. 3	(A) Mission	02/15/05-08/14/05	TBD
T. C.	. ,	08/15/05-02/14/06	TBD
Option Yr. 3	(B) IDIQ	02/15/05-08/14/05	TBD
op officer and officer	(-, £	08/15/05-02/14/06	TBD
Option Yr. 4	(A) Mission	02/15/06-08/14/06	TBD
operon ii. i	(11) 111221011	08/15/06-02/14/07	TBD
Option Yr. 4	(B) IDIQ	02/15/06-08/14/06	TBD
Operon ii. 4	(1) 1010	08/15/06-02/14/07	TBD
		00/10/00-02/14/0/	עפונ

(End of clause)

B.3 <u>INDEFINITE DELIVERY/INDEFINITE QUANTITY (IDIQ) SCHEDULE AND ORDERING PROCEDURES</u>

- (a) The Government requires the performance of the effort within the quantities set forth in paragraph (b) below on an IDIQ basis during the performance of this contract. These services will be ordered through the issuance of Task Orders (see Clause G.4), individually priced, and shall contain separate schedule and cost incentives to be used to evaluate performance and determine the amount of fee earned. The IDIQ schedule will be used for tasks with an estimated value of \$25,000 or greater per task as described in section 11.0 of the PWS.
- (b) In the event that the Government does not order the "minimum quantity" specified below during the applicable contract year, the Government's maximum obligation under this

available for the applicable contract year. In the event that the actual incentive fee earned is less than the provisional payment made, the Contractor shall submit to the Government, a credit voucher for the amount of such overpayment. At the Contracting Officer's discretion, should the determined estimate-at-completion (EAC) exceed the total contract value, provisional payment of cost incentive fee may be reduced or terminated.

(c) The Contracting Officer is the determining official for the amount of incentive fee that is earned.

(End of clause)

B.5 <u>CONTRACT FUNDING (1852.232-91 (JUN 1990)</u>

- (a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$4,588,204. This allotment is for <u>Customer and Employee Relations (CaER)</u>
 <u>Directorate Support Services</u> and covers the following estimated period of performance: <u>February 15, 2002 through November 8, 2002</u>.
- (b) An additional amount of \$151,112 is obligated under this contract for payment of fee.
 - (c) Recapitulation of funding is as follows:

	Previous	This Action	<u>Total</u>
Estimated Cost	\$3,884,254	\$703,950	\$4,588,204
Provisional Incentive Fee	116,650	34,462	151,112
Incentive Fee Earned	0	0	0
Total Sum Allotted	\$4,000,904	\$738,412	\$4,739,316

(End of clause)

B.6 PREMIUM FOR SCHEDULED OVERTIME (MSFC 52.222-93) (AUG 1988)

Pursuant to the clause entitled "Payment for Overtime Premiums," the amount of overtime premium authorized shall not exceed the amount specified below for the indicated period.

<u>Period</u> <u>Amount</u>

DATA REQUIREMENTS DESCRIPTION (DRD)

1. **DPD NO.**: 922

ISSUE: RFP

2. DRD NO.: 922MA-002

3. **DATA TYPE**: 3

4. DATE REVISED:5. PAGE: 1/2

6. TITLE: Progress Reports

7. **DESCRIPTION/USE**: To provide data for the assessment of contract progress. To provide visibility to Contractor and MSFC Management of actual and potential problems and progress toward meeting the requirements of the contract.

8. **OPR**: CD02

9. **DM**: CD02

10. **DISTRIBUTION**: Per Contracting Officer's letter

- 11. **INITIAL SUBMISSION**: Quarterly Self-Evaluation: Ten calendar days following the end of the first two months after authorization to proceed (ATP). <u>Monthly Task Order Progress</u>: Ten calendar days following the end of the first month after ATP.
- 12. **SUBMISSION FREQUENCY**: <u>Quarterly Self-Evaluation</u>: Bi-monthly for the first six months after ATP and quarterly thereafter. The report shall be submitted ten days following the end of month of each applicable quarter. <u>Monthly Task Order Progress</u>: The report shall be submitted ten days following the end of each month.
- 13. **REMARKS**:
- 14. **INTERRELATIONSHIP**: PWS Paragraph 2.1.6
- 15. DATA PREPARATION INFORMATION:
- 15.1 <u>SCOPE</u>: The Progress Report shall provide a comprehensive status on all active tasks and include the necessary information to assess status and identify problems that need resolution for accomplishment of the contract tasks.
- 15.2 **APPLICABLE DOCUMENTS**: None
- 15.3 **CONTENTS**: As a minimum, the reports shall contain the following information:

Quarterly Self Evaluation

- a. Review of work accomplished, including quantitative description, during the reporting period. The report shall include the Standards of Performance tasks outlined in attachment J-5 and corresponding metrics thereto. The presentation that coincides with the end of a six-month evaluation period, shall include a summary of incentive metrics for the full six-month period (in accordance with attachment J-4).
- b. Discussion of non-routine tasks for the next reporting period.
- c. Indications of any problems, which may impede performance or impact performance, schedule or cost.
- d. Man-hours expended in each Level II WBS task, for the current months and cumulative months, showing overtime hours separately.
- e. Any other information that may assist the technical evaluators in evaluating the technical and administrative program; such as innovative processes, cost-reduction initiatives, etc.
- f. Total dollars costed by customer in current fiscal year (FY) and reported by Seven Digit Unique Project Number (UPN) or its equivalent:
 - 1. Mission (including overtime)
 - 2. IDIO
- g. Estimated (anticipated) dollars needed through current FY:
 - 1. Mission
 - 2. IDIQ